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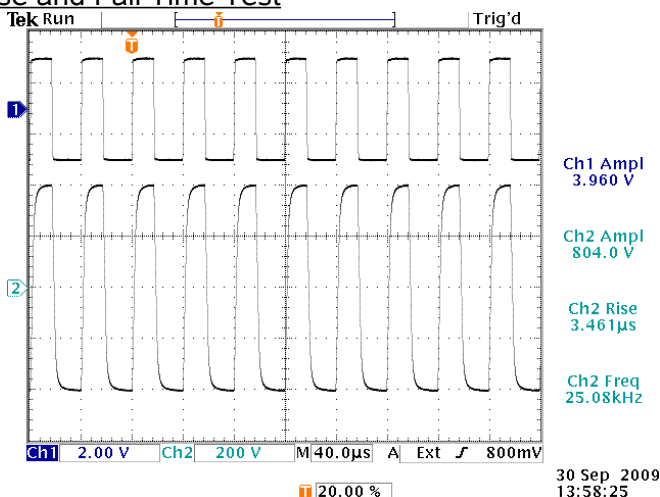
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AV-110J-PS
Type: High-Voltage Linear Amplifier
S.N.: 12331
Date: September 30, 2009

Rise and Fall Time Test



Top: ±2V input. 2V/div. 40 us/div.
Bottom: OUT (±400V) to 10 kΩ. 200V/div. 40 us/div.

a) Output Signal Amplitude: 0 to ±400V,
to R ≥ 10 kΩ

b) Gain: 0 to ×200

c) Rise Time (20%-80%): < 3.5 us

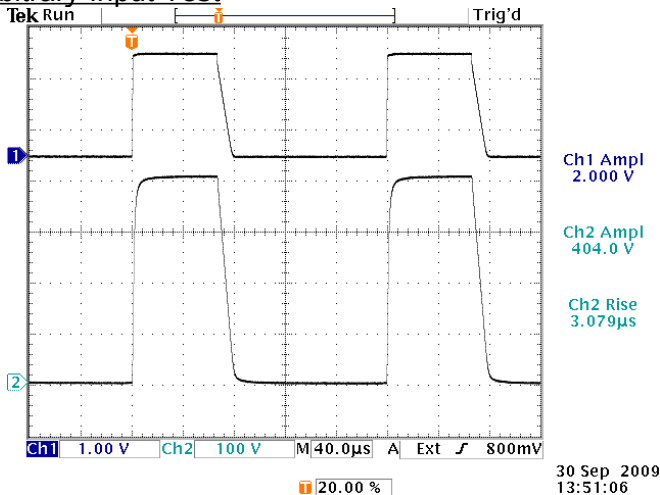
d) Fall Time (80%-20%): < 3.5 us

e) Bandwidth: 50 kHz

f) Jitter, Stability: OK

g) Prime Power: 100-240V AC, 50-60 Hz.

Arbitrary Input Test



Top: +2V input. 1V/div. 40 us/div.
Bottom: OUT (+400V) to 10 kΩ. 100V/div. 40 us/div.

Reference levels: 10%, 90%.